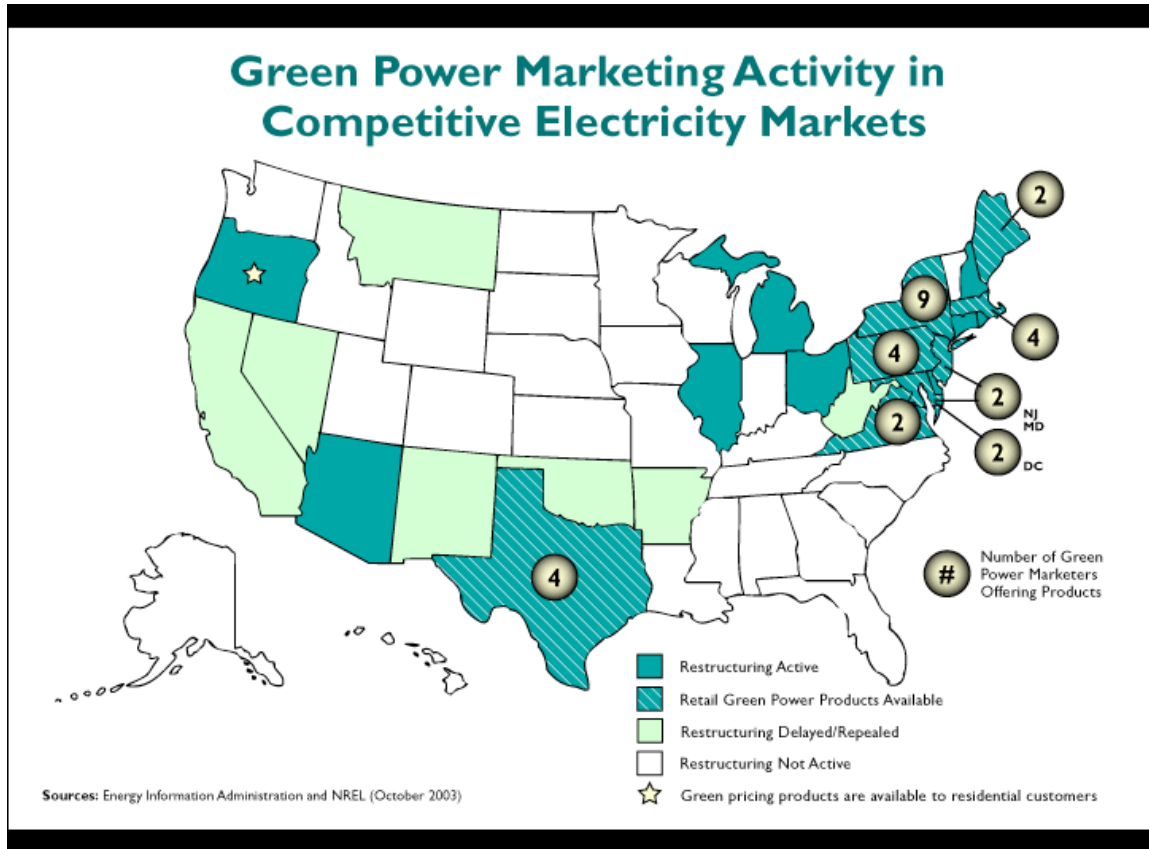


3.7 – States with Competitive Green Power Offerings

Green power marketing refers to selling green power in the competitive marketplace, in which multiple suppliers and service offerings exist. Electricity markets are now open to full competition in a number of states, while others are phasing in competition, allowing some customers to choose their electricity supplier. As of mid-2004, competitive marketers offer green power to retail or wholesale customers in Maine, Maryland, Massachusetts, Pennsylvania, New Jersey, New York, Rhode Island, Texas, Virginia, and the District of Columbia.



Source: L. Bird and B. Swezey, National Renewable Energy Laboratory. Updated July 2004.

<http://www.eere.energy.gov/greenpower/markets/marketing.shtml?page=4>

Figure 3.7.1. Green Power Marketing Map

Table 3.7.1. New Renewables Capacity Supplying Competitive Markets and Renewable Energy Certificates, as of December 2003 (in MW)

Source	MW in Place	%	MW Planned	%
Wind	1,119.2	99.3	173.3	77.5
Biomass	1.7	0.1	50.3	22.5
Solar	0.7	0.1	0.0	0.0
Geothermal	5.0	0.4	0.0	0.0
Small Hydro	0.0	0.0	0.0	0.0
Total	1,126.5	100.0	223.7	100.0
Source: L.Bird and B. Swezey, Estimates of Renewable Energy Capacity Serving U.S. Green Power Markets, National Renewable Energy Laboratory, June 2004. http://www.eere.energy.gov/greenpower/resources/tables/new_gp_cap.shtml				

Table 3.7.2. Competitive Electricity Markets Retail Green Power Product Offerings as of July 2004

State/Company	Product Name	Residential Price Premium ¹	Fee	Resource Mix ²	Certification
District of Columbia					
Washington Gas Energy Services/Community Energy	New Wind Energy	2.5¢/kWh	—	100 kWh blocks of new wind	
PEPCO Energy Services ³	100% Green Electricity	3.41¢/kWh	—	100% biomass	—
	51% Green Electricity	3.05¢/kWh	—	51% biomass and 1% hydro	—
	10% Green Electricity	2.74¢/kWh	—	10% biomass	—
	100% NewWind Energy	4.3¢/kWh		100% new wind	—
	51% NewWind Energy	3.42¢/kWh		51% new wind	—
	Non-residential product	N/A	—	50% to 100% eligible renewables	Green-e
Maine⁴					
Maine Renewable Energy/Maine Interfaith Power & Light	Green Supply	1.5¢/kwh	—	>= 50% small hydro, <=50% wood-fired biomass	—
Constellation New Energy/Maine Power Options	Maine Made (non-residential)	NA	—	50% small hydro and 50% biomass	—
	Commercial Renewable Energy (non-residential)	NA	—	Various	Green-e
Maryland					
Washington Gas Energy Services/Community Energy	New Wind Energy	2.5¢/kWh	—	100 kWh blocks of new wind	—
PEPCO Energy Services ⁵	100% Green Electricity	3.44¢/kWh	—	100% biomass	—
	51% Green Electricity	3.08¢/kWh	—	51% biomass and 1% hydro	—
	10% Green Electricity	2.77¢/kWh		10% biomass, 2% hydro	—
	100% NewWind Energy	4.97¢/kWh		100% new wind	—

	51% NewWind Energy	4.09¢/kWh		51% new wind	—
	Non-residential product	N/A	—	50% to 100% eligible renewables	Green-e
Massachusetts					
Constellation New Energy	Commercial Renewable Energy (non-residential)	NA	—	Various	Green-e
Massachusetts Electric/Nantucket Electric/CET & Conservation Services Group	GreenerWatts New England 100%	1.9¢/kWh	—	75% small hydro, 14% new* landfill gas, 10% wind, 1% new* solar	Green-e
	GreenerWatts New England 50%	0.95¢/kWh	—	37.5% small hydro, 7% new* biomass, 5% wind, 0.5% new* solar	—
Massachusetts Electric/Nantucket Electric/ Community Energy	New Wind Energy 100%	2.4¢/kWh	—	50% small hydro, 50% new* wind	Green-e
	New Wind Energy 50%	1.2¢/kWh	—	25% small hydro, 25% new* wind	Green-e
Massachusetts Electric/Nantucket Electric/ Mass Energy Consumers Alliance	New England GreenStart 100%	2.5¢/kWh		<=70% small hydro, >=19% biomass, 10.5% wind, 0.5% solar (>=25% of all green power is new*)	Green-e
	New England GreenStart 50%	1.25¢/kWh	—	<=36.5% small hydro, >=10% biomass, 5.25% wind, 0.25% solar (>=15% of all green power is new*)	—
Massachusetts Electric/Nantucket Electric/ Sterling Planet	Sterling Premium	1.2¢/kWh	—	65% small hydro, 25% biomass, 10% wind	—
	Sterling Premium Plus	2.2¢/kWh	—	75% small hydro, 15% new* biomass, 10% wind	—

New Jersey					
Constellation New Energy	Commercial Renewable Energy (non-residential)	NA	—	Various	Green-e
Green Mountain Energy Company ⁶	Enviro Blend	0.13¢/kWh	\$3.95/mo.	25% biomass, 20% small hydro, 5% wind, 50% large hydro	Green-e
New York					
1 st Rochdale/Sterling Planet	Sterling Green	1.5¢/kWh	—	40% new wind, 30% small hydro, 30% biogas	Environmental Resources Trust
Agway Energy Products/Sterling Planet	Sterling Green Renewable Electricity	1.5¢/kWh	—	40% new wind, 30% small hydro, 30% biogas	—
ConEdison Solutions ⁷ / Community Energy	GREEN Power / New Wind Energy	0.5¢/kWh	—	25% new wind, 75% small hydro	Green-e
	GREEN Power / New Wind Energy (Non-residential)	NA	—	100% new wind	Green-e
Constellation New Energy	Commercial Renewable Energy (non-residential)	NA	—	Various	Green-e
Energy Cooperative of New York ⁸	Renewable Electricity	0.5¢/kWh to 0.75¢/kWh	—	25% new wind, 75% existing landfill gas	—
Long Island Power Authority / Community Energy	Green Choice / New Wind Energy	2.0¢/kWh		100% new wind	—
	Green Choice / New Wind Energy and Water	1.0¢/kWh		60% new wind, 40% small hydro	—
Long Island Power Authority / EnviroGen	Green Choice / Green Power Program	1.0¢/kWh		75% landfill gas, 25% small hydro	—
Long Island Power Authority / Sterling Planet	Green Choice / Sterling Green	1.5¢/kWh		40% wind, 30% small hydro, 30% bioenergy	—
	Green Choice / New York Clean	1.0¢/kWh		55% small hydro, 35% bioenergy, 10% wind	—

Niagara Mohawk/Community Energy	60% New Wind Energy and 40% Small Hydro	1.0¢/kWh	—	60% new wind, 40% hydro	Green-e
	100% NewWind Energy	2.0¢/kWh	—	100% new wind	Green-e
	Blocks of NewWind Energy	2.0¢/kWh	—	100 kWh blocks of new wind	Green-e
Niagara Mohawk / EnviroGen	Think Green!	1.0¢/kWh	—	75% landfill gas, 25% hydro	—
Niagara Mohawk/Green Mountain Energy	Green Mountain Energy Electricity	1.3¢/kWh	—	50% wind, 50% small hydro	Green-e
Niagara Mohawk/Sterling Planet	Sterling Green	1.5¢/kWh	—	40% wind, 30% small hydro, 30% bioenergy	—
NYSEG / Community Energy	Catch The Wind / New Wind Energy	2.0-2.5¢/kWh	—	100-kWh blocks of new wind	Green-e
Rochester Gas & Electric/Community Energy	Catch the Wind	2.0-2.5¢/kWh	—	100-kWh blocks of new wind	Green-e
Select Energy	Non-residential product	N/A	—	Wind	—
Pennsylvania⁹					
ElectricAmerica	50% Hydro	0.39¢/kWh	—	50% large hydro	—
Energy Cooperative of Pennsylvania	Eco Choice 100	1.08¢/kWh	\$5/year	90% landfill gas, 10% wind, 0.1% solar	Green-e
	New Wind Energy	2.5¢/kWh	—	Wind	—
Green Mountain Energy Company	Green Mountain Energy Electricity	1.37¢/kWh	\$3.95/mo.	10% wind, 90% hydropower	—
	Nature's Choice	1.39¢/kWh	\$3.95/mo.	60% biomass, 30% small hydro, 10% wind, < 1% solar	Green-e
PECO Energy/Community Energy	PECO Wind	2.54¢/kWh	—	100-kWh blocks of new wind	—
PEPCO Energy Services	100% Renewable	3.39¢/kWh	—	100% renewable	—
	51% Green Electricity	3.0¢/kWh	—	51% biomass and 1% hydro	—

	10% Green Electricity	2.67¢/kWh	—	10% biomass	—
	100% NewWind Energy	4.5¢/kWh		100% new wind	—
	51% NewWind Energy	3.57¢/kWh		51% new wind	—
Rhode Island					
Constellation New Energy	Commercial Renewable Energy (non-residential)	NA	—	Various	Green-e
Narragansett Electric / Community Energy, Inc.	NewWind Energy 100%	2.0¢/kWh	—	50% small hydro, 50% new* wind	Green-e
	NewWind Energy 50%	1.0¢/kWh	—	25% small hydro, 25% new* wind	Green-e
Narragansett Electric / Conservation Services Group	GreenerWatts New England 100%	1.7¢/kWh	—	75% small hydro, 14% new* landfill gas, 10% wind, 1% new* solar	Green-e
Narragansett Electric / People's Power & Light	New England GreenStart RI 100%	1.5¢/kWh	—	69% small hydro, 30% new* wind, 1% new* solar	Green-e
	New England GreenStart RI 50%	0.75¢/kWh	—	34.5% small hydro, 15% new* wind, 0.5% new* solar	Green-e
Narragansett Electric / Sterling Planet	Sterling Supreme 100%	1.98¢/kWh	—	40% small hydro, 25% biomass, 25% new* solar, 10% wind,	—
Texas¹⁰					
Green Mountain Energy Company	100% Wind Power	0.66¢/kWh	\$4.95/mo.	100% wind	—
	Reliable Rate Plan	0.46¢/kWh	\$4.95/mo.	Wind and hydro	—
	Month-to-Month Plan	0.26¢/kWh	\$4.95/mo.	Wind and hydro	—
Reliant Energy	Renewable Plan	0.0¢/kWh	\$5.34/mo.	100% renewable energy	—
Strategic Energy	Non-residential product	N/A	—	Wind	—
TXU Energy	Non-residential product	N/A	—	Wind	—

Virginia					
Washington Gas Energy Services/Community Energy	New Wind Energy	2.5¢/kWh	—	100 kWh blocks of new wind	—
PEPCO Energy Services ¹¹	100% Green Electricity	4.367¢/kWh	—	100% biomass	—
	51% Green Electricity	3.997¢/kWh	—	51% biomass and less than 1% hydro	—
	10% Green Electricity	3.687¢/kWh	—	10% biomass	—
	100% NewWind Energy	5.027¢/kWh	—	100% new wind	—
	51% NewWind Energy	4.147¢/kWh	—	51% new wind	—
Source: National Renewable Energy Laboratory.					
Notes: N/A= Not applicable. ¹ Prices may vary by service territory. Prices may also differ for commercial/industrial customers. ² New is defined as operating or repowered after January 1, 1999 based on the Green-e TRC certification standards. New power sources denoted with an asterisk (*) are new as of January 1, 1998. ³ Offered in PEPCO service territory. Product prices are based on annual average costs for customers in PEPCO's service territory (5.04¢/kWh). http://www.dcpssc.org/customerchoice/whatis/electric/electric.shtm ⁴ Price premium is for Central Maine Power service territory. ⁵ Product offered in Baltimore Gas and Electric and PEPCO service territories. Price is for PEPCO service territory based on price to compare of 5.01¢/kWh. http://www.oag.state.md.us/energy/ ⁶ Green Mountain Energy offers products in Conectiv, GPU, and PSE&G service territories. Product prices are for Conectiv service territory (price to compare of 6.75¢/kWh). ⁷ Price premium is based on a comparison to ConEdison Solutions' standard electricity product. ⁸ Price premium is for Niagara Mohawk service territory. Premium varies depending on energy taxes. ⁹ Product prices are for PECO service territory (price to compare of 6.17¢/kWh). http://www.oca.state.pa.us/elecomp/pricecharts.html ¹⁰ Product prices are based on price to beat of 10.4¢/kWh for TXU service territory (ONCOR). http://www.powertochoose.org/ ¹¹ Products are only available in Dominion Virginia Power service territory. Price is based on price to compare of 3.983¢/kWh					
References: Green power marketer and utility Web sites. District of Columbia Public Service Commission http://www.dcpssc.org/customerchoice/whatis/electric/electric.shtm Maryland Attorney General Electricity Supplier Rate and Service Information http://www.oag.state.md.us/energy/ Pennsylvania Office of Consumer Advocate Residential Price Comparison Charts http://www.oca.state.pa.us/elecomp/pricecharts.html Virginia's State Corporation Commission http://www.yesvachoice.com/howtochoose/howtocompare.asp Texas Public Utility Commission http://www.powertochoose.org/					